

Exhibit B

Contents of file ex6.html:

```
<html>
<head>
<title>Loading New Search Engine</title>

<script language="JavaScript">
//Globals
var links = new Array(); //storage for web addresses
var linkcount = 0;      //running link count
var maxlinkcnt = 0;    //max links found on subject returned by getgoogle.class
var eIDArray = new Array("gz","g1","g2","g3","g4","g5","g6","g7","g8","g9","g10"); //iFrame IDs
var try2loadlink = new Array();

//*****End Globals*****


function setlinkcount(maxlinkcount) { //called from getgoogle to set number of links to be returned
    maxlinkcnt=maxlinkcount;
    initializeiframes(); //need maxlinkcnt to initialize iFrames
}

function linker(fsrc) {
    if(isubject.value != ""){return true;}
    linkcount++;
    links[linkcount] = fsrc; //index starts at 1; Load all links references returned from getgoogle
    try2loadlink[linkcount] = false; //links are not actually loaded into iFrames yet
    if(linkcount>=maxlinkcnt){ //all links references loaded
        linkcount=1;      //reset running link counter
        loadcurrent();    //load first link into hidden frame
        loadnext();       //load following link
    }
}
```

```

        displaycurrent(); //display first link
    }
}

function hidecurrent() {
    document.getElementById(eIDArray[linkcount]).style.background="white";
    document.getElementById(eIDArray[linkcount]).style.visibility="hidden"; //make next iFrame visible
}

function displaycurrent() {
    if(linkcount<=maxlinkcnt){
        if(readystate()){//make next iFrame visible if already loaded
            //alert("ready");
            setzindex();
            document.getElementById(eIDArray[linkcount]).style.zIndex=12;
            document.getElementById(eIDArray[linkcount]).style.visibility="visible";
            iurl.value=links[linkcount]; //Set URL in GUI
        }
        else{
            //alert("not ready");
            setzindex();
            document.getElementById(eIDArray[linkcount]).style.zIndex=12;
            loadcurrent(); //reload current frame
            //set visible without calling displaycurrent() which would cause a recursive load loop
            document.getElementById(eIDArray[linkcount]).style.visibility="visible";
            iurl.value=links[linkcount]; //Set URL in GUI
        }
    }
}//end display current

function loadcurrent(){
    document.getElementById(eIDArray[linkcount]).src = links[linkcount]; //load next link into frame
}

```

```

try2loadlink[linkcount] = true;
}

function displaynext() {
    if(linkcount>1){document.getElementById(eIDArray[linkcount-1]).style.visibility="hidden";} //make previous iFrame hidden
    displaycurrent();
}

function loadnext(){
    if(linkcount < maxlinkcnt){ //array guard
        document.getElementById(eIDArray[linkcount+1]).src = links[linkcount+1]; //load link into hidden frame
        try2loadlink[linkcount+1] = true;
    }
}

function next(){
    linkcount++; //new display position

    if(linkcount<=maxlinkcnt){
        displaynext();
        if(linkcount<maxlinkcnt){loadnext();}
    }
    else{
        linkcount=maxlinkcnt; //set to last valid link
        hidecurrent(); //hide current link
        linkcount=1; //reset running link counter to beginning
        displaycurrent(); //display first link
    }
}//end next

function back(){

```

```
hidecurrent();
linkcount--; //new display position

if(linkcount>=1){
    displaycurrent();
}
else{
    linkcount=maxlinkcnt; //set to last valid link
    displaycurrent(); //display first link
}
}//end back
```

```
function first(){
    hidecurrent(); //hide current link
    linkcount=1; //reset running link counter
    displaycurrent(); //display first link
}//end first
```

```
function last(){
    hidecurrent(); //hide current link
    linkcount=maxlinkcnt; //reset running link counter to maximum
    displaycurrent(); //display last link
}//end first
```

```
function initializeIframes(){ //initialize and hide all iFrames
    var i;
    window.status="New Ideas on Searching the Internet";
    window.document.title="Website Based Search Engine version 2.0 by Alan Swahn";
```

```

alert(maxlinkcnt);
for(i=1; i<=maxlinkcnt; i++){
    document.getElementById(eIDArray[i]).scrolling = 'yes';
    document.getElementById(eIDArray[i]).width = '100%';
    document.getElementById(eIDArray[i]).height = '95%';
    document.getElementById(eIDArray[i]).frameborder = '0';
    document.getElementById(eIDArray[i]).hspace = '0';
    document.getElementById(eIDArray[i]).vspace = '0';
    document.getElementById(eIDArray[i]).align = 'top';
    document.getElementById(eIDArray[i]).scrolling = 'auto';
    document.getElementById(eIDArray[i]).allowtransparency = 'true';
    document.getElementById(eIDArray[i]).style.visibility='hidden';
    document.getElementById(eIDArray[i]).style.zIndex=i;
}
}

function setzindex(){
var i;
window.status="New Ideas on Searching the Internet";
window.document.title="Website Based Search Engine version 2.0 by Alan Swahn";
for(i=1; i<=maxlinkcnt; i++){
    document.getElementById(eIDArray[i]).style.zIndex=i;
}
}

function readystate(){
//alert("readystate: " + document.getElementById(eIDArray[linkcount]).readyState);
//alert("try2load: " + try2loadlink[linkcount]);
if(document.getElementById(eIDArray[linkcount]).readyState == "complete" && try2loadlink[linkcount]){
    bnext.style.background="#00ff00";
    bback.style.background="#00ff00";
    return true;
}
}

```

```
        else{
            bnnext.style.background="orange";
            bback.style.background="orange";
            return false;}
```

```
}
```

```
function getnewlinks(newsubject){
    linkcount=0; //initialize link counter
    maxlinkcnt = 0; //initialize maxlink counter
    document.getgog.setsubject(newsubject);
    document.getgog.start();
```

```
}
```

```
function jumpurl(url){
    if(url=="") {return;}
    if(url.indexOf("http://") > -1){
        window.location=url;
    }
    else{
        window.location="http://" + url;
    }
}
```

```
function onerrorpage(){
    window.onerror=null;
    alert("Error on Page");
}
```

```
function onunloadpage(){
    document.getgog.stop();
    document.getgog.destroy();
```

}

</script>

</head>

<body onError='onerrorpage()' onUnload='onunloadpage()'>

<IFRAME id='g1' name='g1' SECURITY='unrestricted' HSPACE='0' VSPACE='0' ALIGN='top' SCROLLING='auto' FRAMEBORDER='0' ALLOWTRANSPARENCY='false' STYLE='position:absolute; left:0; top:5%; width:100%; height:95%; z-index:1;'></IFRAME>
<IFRAME id='g2' name='g2' SECURITY='unrestricted' HSPACE='0' VSPACE='0' ALIGN='top' SCROLLING='auto' FRAMEBORDER='0' ALLOWTRANSPARENCY='false' STYLE='position:absolute; left:0; top:5%; width:100%; height:95%; z-index:2;'></IFRAME>
<IFRAME id='g3' name='g3' SECURITY='unrestricted' HSPACE='0' VSPACE='0' ALIGN='top' SCROLLING='auto' FRAMEBORDER='0' ALLOWTRANSPARENCY='false' STYLE='position:absolute; left:0; top:5%; width:100%; height:95%; z-index:3;'></IFRAME>
<IFRAME id='g4' name='g4' SECURITY='unrestricted' HSPACE='0' VSPACE='0' ALIGN='top' SCROLLING='auto' FRAMEBORDER='0' ALLOWTRANSPARENCY='false' STYLE='position:absolute; left:0; top:5%; width:100%; height:95%; z-index:4;'></IFRAME>
<IFRAME id='g5' name='g5' SECURITY='unrestricted' HSPACE='0' VSPACE='0' ALIGN='top' SCROLLING='auto' FRAMEBORDER='0' ALLOWTRANSPARENCY='false' STYLE='position:absolute; left:0; top:5%; width:100%; height:95%; z-index:5;'></IFRAME>
<IFRAME id='g6' name='g6' SECURITY='unrestricted' HSPACE='0' VSPACE='0' ALIGN='top' SCROLLING='auto' FRAMEBORDER='0' ALLOWTRANSPARENCY='false' STYLE='position:absolute; left:0; top:5%; width:100%; height:95%; z-index:6;'></IFRAME>
<IFRAME id='g7' name='g7' SECURITY='unrestricted' HSPACE='0' VSPACE='0' ALIGN='top' SCROLLING='auto' FRAMEBORDER='0' ALLOWTRANSPARENCY='false' STYLE='position:absolute; left:0; top:5%; width:100%; height:95%; z-index:7;'></IFRAME>
<IFRAME id='g8' name='g8' SECURITY='unrestricted' HSPACE='0' VSPACE='0' ALIGN='top' SCROLLING='auto' FRAMEBORDER='0' ALLOWTRANSPARENCY='false' STYLE='position:absolute; left:0; top:5%; width:100%; height:95%; z-index:8;'></IFRAME>
<IFRAME id='g9' name='g9' SECURITY='unrestricted' HSPACE='0' VSPACE='0' ALIGN='top' SCROLLING='auto' FRAMEBORDER='0' ALLOWTRANSPARENCY='false' STYLE='position:absolute; left:0; top:5%; width:100%; height:95%; z-index:9;'></IFRAME>
<IFRAME id='g10' name='g10' SECURITY='unrestricted' HSPACE='0' VSPACE='0' ALIGN='top' SCROLLING='auto' FRAMEBORDER='0' ALLOWTRANSPARENCY='false' STYLE='position:absolute; left:0; top:5%; width:100%; height:95%; z-index:10;'></IFRAME>

<div id='control' name='control' HSPACE='0' VSPACE='0' ALIGN='left' STYLE='background:navy; position: absolute; left:0; top:0; width:100%; height:5%; z-index:9;'>

```
<INPUT id='iurl' type="text" STYLE='background:#DDDDDD; width:25%;' value="" size="">
<button id='iclearurl' STYLE='background:#00FF00; width:3%;' onclick="iurl.value=''">C</button>
<button id='ijumpurl' STYLE='background:#00FF00; width:3%;' onclick="jumpurl(iurl.value)">J</button>
<INPUT id='isubject' type="text" STYLE='background:#FFFFFF; width:25%;' name="subject" value="" size="">
<button id='isearch' STYLE='background:#00FF00; width:7%;' onclick="getnewlinks(isubject.value)">Search</button>
<button id='bplugin' STYLE='background:#00FF00; width:7%;'
onclick="window.location='http://java.sun.com/j2se/1.4/download.html'">Plugin</button>
<button id='bfirst' STYLE='background:#00FF00; width:7%;' onclick="first()">First</button>
<button id='blast' STYLE='background:#00FF00; width:7%;' onclick="last()">Last </button>
<button id='bback' STYLE='background:#00FF00; width:7%;' onclick="back()">Back </button>
<button id='bnext' STYLE='background:#00FF00; width:7%;' onclick="next()">Next </button>
<br>
</div>

<APPLET ID='getgog' ALIGN='right' CODE='getgoogle.class' VSPACE='0' HSPACE='0' WIDTH='0' HEIGHT='0' STYLE='position:relative;z-index:0;' MAYSRIPT>
<PARAM ID='subject' NAME='subject' VALUE='models'>
</APPLET>

</body>
</html>
```

Contents of file getgoogle.java:

```
import java.io.*;
import java.net.*;
import java.awt.*;
import java.applet.*;
import netscape.javascript.JSObject;
import netscape.javascript.JSEException;

public class getgoogle extends Applet{
String usersubject="none";

public void init() {
    System.out.println("initializing...");
    setBackground(Color.cyan);
}
public void stop() {
    System.out.println("stopping...");
}
public void destroy() {
    System.out.println("unloading...");
}
public void setsubject(String newsubject) {
    usersubject = newsubject;
    System.out.println("Setting subject: " + usersubject);
}

public void start() {
String resource, host, file, line, which10="0", subject="fractals", tempstr;
String response[] = new String[100];
int slashPos=0, blankPos=0, gtPos=0, responseCount=0;
```

```
boolean debug = true;
JSObject win = JSObject.getWindow(this);
JSObject doc = (JSObject) win.getMember("document");
JSObject loc = (JSObject) doc.getMember("location");
String localhref = (String) loc.getMember("href"); // document.location.href
//JSObject.getWindow (this).eval ("javascript:alert('This is a test of the National Broadcast System!')");
//Object test[] = new Object[20];
String fsrc[] = new String[20];
String maxlinkcount[] = new String[10];

try{

if(usersubject.equals("none"))
    subject = getParameter("subject");
else
    subject=usersubject;

for (int j=0; j<=subject.length()-1; j++){
    if (subject.substring(j,j+1).equals(" ")){
        System.out.println(subject.substring(0,j));
        System.out.println(subject.substring(j,j+1));
        System.out.println(subject.substring(j+1,subject.length()));
        subject = subject.substring(0,j) + "%20" + subject.substring(j+1,subject.length());
        System.out.println(subject);
    }
}

resource="http://www.google.com/search?q=" + subject + "&hl=en&lr=&start=" + which10 + "&sa=N";
if(debug){System.out.println(resource);}
if(debug){System.out.println(localhref);}
```

```

resource = resource.substring(7); // skip HTTP://

slashPos = resource.indexOf('/'); // find host/file separator
file = resource.substring(slashPos); // isolate host and file parts
host = resource.substring(0,slashPos);

if(debug){System.out.println("Host to contact: " + host +"");}
if(debug){System.out.println("File to fetch : " + file +);}

HTTP webConnection = new HTTP(host,debug);
if (webConnection != null) {
InputStream page = webConnection.get(file,debug);
DataInputStream in = new DataInputStream(page);

while( (line = in.readLine()) != null) { // read until end of stream
    if(line.length() >= 18 && line.substring(0,18).equals("<p><a href=http://"")){
        gtPos = line.substring(11).indexOf(">");
        response[responseCount]=line.substring(11,gtPos+11);
        responseCount++;
    }//end if
}//end while
}//end webconnection
//convert int to string
tempstr="alan" + (responseCount);
tempstr=tempstr.substring(4);
if(debug){System.out.println("response count= " + tempstr);}
maxlinkcount[0]=tempstr;
win.call("setlinkcount", maxlinkcount);

for (int j=0; j<=responseCount-1; j++){
    if(debug){System.out.println(response[j]);}

```

```
        fsrc[0] = response[j];
        win.call("linker", fsrc);
    }

    if(debug){System.out.println("\nDone.");}

} //end try
catch (Exception e) {
    System.runFinalization(); //deallocated resources
    System.gc(); //garbage collection
} //end catch

}//End Start

}//End Applet

//-----
//-----
class HTTP {

    public final static int HTTP_PORT = 80;

    InetAddress WWWhost;
    DataInputStream in;
    PrintStream out;

    public HTTP (String host, boolean debug) throws UnknownHostException {

        WWWhost = InetAddress.getByName(host);
        if(debug){System.out.println("WWW host = " + WWWhost);}
    }
}
```

```
public InputStream get (String file,boolean debug) throws IOException {
    Socket httpPipe;
    InputStream inn;
    OutputStream outt;

    httpPipe = new Socket(WWWHost,HTTP_PORT);
    if (httpPipe == null) {
        return null;
    }

    inn = httpPipe.getInputStream(); // get raw streams
    outt = httpPipe.getOutputStream();

    in = new DataInputStream(inn); // turn into usable ones
    out = new PrintStream(outt);

    if (inn==null || outt==null) {
        System.out.println("Failed to open streams to socket.");
        return null;
    }

    // send GET request
    out.println("GET " + file + " HTTP/1.0\n");
    //if(debug){System.out.println("GET " + file + " HTTP/1.0\n");}

    // read response until blank separator line
    String response;
    while ( (response = in.readLine()).length() > 0 ) {
        //if(debug){System.out.println(response);}
    }
}
```

```
return in; // return InputStream to allow client to read resource  
}}
```